

ABSTRACT**METHOD OF ANTIGEN INCORPORATION INTO NEISSERIA BACTERIAL OUTER MEMBRANE VESICLES AND RESULTING VACCINE FORMULATIONS.**

5 Method for the insertion of protein antigens, of recombinant or synthetic origin, in
outer membrane vesicles of Gram-negative bacteria without disruption of the vesicle
structure, therefore maintaining the immunogenicity and immunostimulatory
properties of said vesicles, and with the reported advantage that the immune
response generated against the incorporated antigen is superior to the one
10 generated when the antigen is administered alone. The resultant vaccine
formulations are useful to increase protective capacity of existing vaccines and allow
to extend it against different pathogens, in diseases of bacterial, viral, cancerous or
other etiology.

The referred formulations are applicable in the pharmaceutical industry as vaccines
15 for therapeutic and preventive use in humans.

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